

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : MUIR, Ronald J.

Appl. No. : To be assigned Examiner: To be assigned

Filed : Art Unit: To be assigned

For : METHOD FOR PRODUCING LUBRICANT DETERGENTS

Attorney Docket No.: 0153-PA

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Listed on the accompanying Form PTO-1449 are documents that may be considered material to the examination of this application and are submitted in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98. Copies of the foreign documents are provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue.

The applicant reserves the right to establish the patentability of the claimed invention over any of the information provided by this statement, to prove that the enclosed information is not prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

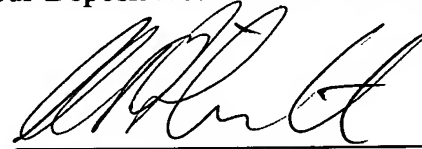
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This statement should not be construed as a representation that an exhaustive search has been made or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted with this statement.

The applicant requests that the examiner initial and return a copy of the enclosed Form PTO-1449 and indicate in the official file history of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-2656.

9/29/03  
Date

  
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0153-PA	APPLICATION NO. To be assigned
	APPLICANT MUIR, Ronald J.	
	FILING DATE	GROUP To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	1,998,750	Apr. 23, 1935	Bruson et al.	260	111	Dec. 30, 1931
	AB1	2,490,444	Dec. 6, 1949	Kooijman et al.	260	521	June 17, 1947
		2,865,956	Dec. 23, 1958	Ellis et al.	260	504	May 23, 1955
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		3,410,798	Nov. 12, 1968	Cohen	252	37.2	May 23, 1967
		3,438,899	Apr. 15, 1969	Benoit, Jr.	252	51.5	Feb. 23, 1968
		3,557,198	Jan. 19, 1971	Yakimik	260	521	Apr. 12, 1967
		3,853,956	Dec. 10, 1974	Schmerling	260	473	Mar. 20, 1969
		3,884,949	May 20, 1975	Eicke et al.	260	429.3	Nov. 8, 1973
		4,060,535	Nov. 29, 1977	Cinco	260	414	Aug. 31, 1976
		4,544,491	Oct. 1, 1985	Tyson et al.	210	772	Aug. 24, 1983
		4,810,398	Mar. 7, 1989	Van Kruchten et al.	252	40	Jan. 25, 1988
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		4,876,020	Oct. 24, 1989	Zon et al.	252	40.5	June 21, 1988
	AC1	4,910,334	Mar. 20, 1990	Stuart et al.	562	96	Dec. 17, 1984
	AD1	5,049,685	Sep. 17, 1991	Saito	556	132	Nov. 9, 1989
	AE1	5,225,588	July 6, 1993	Senaratne et al.	560	71	Feb. 3, 1992

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		0351052		EP			
		269619		DE			
		293108		DE			
	AL1	689600		DE			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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	AA1	5,259,966	Nov. 9, 1993	Barke et al.	252	18	Nov. 10, 1992
	AB1	5,415,792	May 16, 1995	Campbell	252	18	Dec. 23, 1993
		5,434,293	Jul. 18, 1995	Campbell	560	71	Dec. 23, 1993
		5,451,331	Sep. 19, 1995	O'Connor et al.	252	18	Mar. 4, 1994
		5,538,650	July 23, 1996	Goto et al.	508	331	Apr. 17, 1995
		5,652,203	July 29, 1997	Asamori et al.	508	460	Oct. 19, 1995
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	AD1						
	AE1						
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	AL1						Yes No
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